

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 6,862,550 B1  
DATED : March 1, 2005  
INVENTOR(S) : Christian John Cook

Page 1 of 3

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Title page,

Item [57], **ABSTRACT,**

Line 11, change "per-determined" to -- predetermined --.

Column 1,

Line 21, change "PH" to -- pH --.

Column 3,

Line 26, change "measurements" to -- measurement --.

Column 4,

Line 44, change "compound" to -- compared --.

Column 7,

Line 5, remove "100".

Line 45, before "rectal" remove "the".

Column 9,

Line 6, change "I=the" to -- I=the --.

Column 10,

Line 12, change "4,854,320" to -- 4,854,328 --.

Column 13,

Line 6, after "any" change "of" to -- or --.

Line 55, change "42)" to -- (42) --.

Line 56, change "inputs" to -- inputs --.

Column 14,

Line 40, change " $V_0=0$ " to --  $v_0=0$  --.

Line 46, change " $V_n=V_n+(fast_n-slow_n)$ " to --  $v_n=v_{n-1}+(fast_n-slow_n)$  --.

Column 17,

Line 4, remove "algorithm".

Line 7, change "extend" to -- extent --.

Line 35, change " $C_1>c_2$ " to --  $c_1>c_2$  --.

Line 46, change " $v_n=V_{n-1}+(fast_n-slow_n)$ " to --  $v_n=v_{n-1}+(fast_n-slow_n)$  --.

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Column 18,

Lines 25-26, remove "the algorithm comprises the following".

Line 39, change " $C_1 > C_2$ " to --  $c_1 > c_2$  --.

Line 43, change " $fast_0 = d_0$ " to --  $fast_0 = d_0$  --.

Line 44, change " $slow_0 = d_0$ " to --  $slow_0 = d_0$  --.

Line 45, change " $V_0 = 0$ " to --  $v_0 = 0$  --.

Line 52, change "system:" to -- system --.

Column 19,

Line 34, change "animal" to -- animal's --.

Lines 34-39, change the formatting to

-- determining that animal's mean body temperature  
reading over the predetermined time period;  
calculating the variance between each measurement and  
the mean determined; and  
adding all variances to obtain a cumulative temperature  
variance score, comparing said score to a  
predetermined threshold. --.

Column 20,

Line 9, change " $C_1$ " to --  $c_1$  --.

Line 9, remove "o".

Line 11, change " $c_1 > C_2$ " to --  $c_1 > c_2$  --.

Line 11, change " $0 < C_2 < 1$ ;" to --  $0 < c_2 < 1$  --.

Line 19, change " $V_0 = 0$ " to --  $v_0 = 0$  --.

Line 25, change " $V_n = V_{n-1} + (fast_n - slow_n)$ " to --  $v_n = v_{n-1} + (fast_n - slow_n)$  --.

Line 26, change "vn" to --  $v_n$  --.

Lines 33 and 51, change "336" to -- 3-36 --.

Column 21,

Line 10, change " $V_n = V_{n-1} + fast_n - slow_n$ " to --  $v_n = v_{n-1} + (fast_n - slow_n)$  --.

Lines 21 and 42, change "336" to -- 3-36 --.

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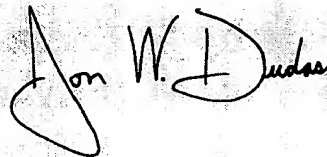
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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 22,  
Line 15, change "336" to -- 3-36 --.

Signed and Sealed this

First Day of November, 2005

A handwritten signature in black ink, reading "Jon W. Dudas". The signature is stylized, with a large, looped "J" and a cursive "Dudas".

JON W. DUDAS  
*Director of the United States Patent and Trademark Office*